



# 14000 MHz Waveguide Bandpass Filter

Part Number: AE14000WB11564



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## Electrical Specifications

**Center Frequency:** 14 GHz  
**Pass Band Bandwidth:** 60MHz (13.97~14.03GHz)  
**Insertion Loss at Center Frequency:**  
≤2.0dB @ 14GHz  
**Pass Band VSWR:** ≤1.4:1  
**Stop Band Rejection:**  
≥40dB @ F0±100MHz  
(13.9GHz,14.1GHz)  
**Impedance:** 50 Ohms  
**Power Handling:**  
Average:4W / Peak:400W(1% duty cycle)

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 133 x 24 x 14 mm

## Environmental

**Operating Temperature:** -45°C to +85°C  
**Storage Temperature:** -55°C to +95°C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

